

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) SAW A surface acoustic wave filter[[,]] comprising:  
constructed on the surface of a piezoelectric substrate;  
containing two electrically interconnected acoustic tracks on the piezoelectric substrate, the  
acoustic tracks being adjacent and electrically interconnected positioned neighboring each other, in  
which the acoustic tracks comprising electro-acoustic transducers, the electro-acoustic transducers  
comprising an (W1, W2) acting as input transducer and an output transducer; and respectively are  
positioned;

where a metallie shielding structure (AS) that is metallic and that is connected to ground, the  
shielding structure being is positioned between the two acoustic tracks, which shields the shielding  
structure shielding a first electro-acoustic transducer in a first acoustic track from a second electro-  
acoustic transducer in a second acoustic track at least two transducers positioned in different tracks  
against each other.

2 (Currently Amended) SAW ~~filter in accordance with~~ The surface acoustic wave filter of  
claim 1, ~~where~~ wherein the ~~two~~ first and second electro-acoustic transducers (W1, W2) ~~shielded~~  
~~against each other~~ each have ~~one~~ a bus bar facing the shielding structure (AS), and ~~where~~ wherein at

least one of these bus bars bar facing the shielding structure is electrically floating or connected to a voltage that is different from other than ground.

3. (Currently Amended) ~~SAW filter in accordance with~~ A DMS filter comprising the surface acoustic wave filter of claim 1 or 2, [[- designed as DMS filter]], wherein the first electro-acoustic transducer comprises the input transducer and the second electro-acoustic transducer comprises the output transducer, the DMS filter further comprising:

~~[[ -]] with a first transducer serving as input transducer (W1) and a first coupling transducer (K1) in the first acoustic track, the first coupling transducer comprising a first bus bar;~~

~~[[ -]] with a second coupling transducer (K2) and second transducer serving as output transducer (W2) in the second acoustic track, the second coupling transducer comprising a second bus bar; and~~

~~[[ -]] with a coupling line that electrically connects the first and second bus bars; electrically connecting one bus bar of the first and second coupling transducers, respectively~~

~~[[ - where]] wherein the shielding structure (AS) is positioned between the first electro-acoustic transducer and the second electro-acoustic transducer.~~

4 (Currently Amended) ~~SAW filter in accordance with~~ The DMS filter of claim 3, wherein the first bus bar comprises a bus bar of the first coupling transducer that is furthest from the second acoustic track, and the second bus bar comprise a bus bar of the second coupling transducer that is furthest from the first acoustic track where the coupling line (KL) in each track is connected to that bus

~~bar of the corresponding coupling transducer (K1, K2), respectively, which is farther away from the other track.~~

5 (Currently Amended) SAW filter in accordance with The DMS filter of claim 4, further comprising:

~~where the acoustic tracks are bordered by two reflectors~~ that sandwich the acoustic tracks;  
~~(R, R'), respectively,~~

~~where~~ wherein the coupling line (KL) ~~is routed~~ extends around the reflectors outside the acoustic tracks.

6 (Currently Amended) SAW filter in accordance with ~~one of the claims 3 to 5;~~ The DMS filter of claim 3, wherein ~~where~~ the shielding structure (AS) is connected to an external ground and to ~~the~~ a bus bar of ~~one of the coupling transducers (K1, K2) respectively, which~~ a coupling transducer that is not connected to the coupling line (KL).

7. (Currently Amended) SAW filter in accordance with ~~one of the claims 1 to 6;~~ The surface acoustic wave filter of claim 1, further comprising: ~~where the acoustic tracks are bordered by~~

~~two reflectors~~ that border the acoustic tracks; ~~(R) respectively,~~

~~where~~ wherein the shielding structure (AS) is connected to an external ground and to the reflectors.

8 (Currently Amended) SAW filter in accordance with one of the claims 3 to 7, The DMS filter of claim 3, wherein the first electro-acoustic transducer comprises a first outer bus bar and the second electro-acoustic transducer comprises a second outer bus bar, the first outer bus bar comprising a bus bar of the first electro-acoustic transducer that is furthest from the second acoustic track, and the second outer bus bar comprising a bus bar of the second electro-acoustic transducer that is furthest from the first acoustic track, the first outer bus bar comprising first and second sub-bars, the second outer bus bar comprising third and fourth sub-bars, the first and second sub-bars being connected to first and second input terminals, respectively, and the third and fourth sub-bars being connected to first and second output terminals, respectively; where in the first and the second transducer (W1, W2) the bus bar that is further away from the neighboring track in each case is divided into two sub-bars, which means that each sub-bar of the first transducer (W1) is connected to one of the external terminals of the input (IN) and each sub-bar of the second transducer (W2) is connected to one of the external terminals of the output (OUT), and

where wherein the first electro-acoustic transducer and the second electro-acoustic transducer operate symmetrically and second transducers (W1, W2) serving as input transducer and output transducer are assigned to a corresponding symmetrical input or output (IN, OUT).

9. (Currently Amended) SAW filter in accordance with one of the claims 1 to 8, The surface acoustic wave filter of claim 1, wherein where the transducers (W1, W2) first electro-acoustic transducer, the second electro-acoustic transducer, and the shielding structure (AS) are made up of the a same metal plating.

10. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 9, where~~ The surface acoustic wave filter of claim 9, wherein the metal plating ~~of the transducers (W1, W2) and the shielding structure (AS) have~~ comprises a layer of aluminum or an alloy containing aluminum, or a multiple-layer composition ~~which~~ that contains at least one layer of aluminum or of an aluminum alloy.

11. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 10, where~~ The surface acoustic wave filter of claim 1, further comprising:

a carrier on which the piezoelectric substrate is mounted ~~on a carrier~~ in a flip-chip arrangement~~[[,]]~~; and

~~where an electricity~~ an electrically-conducting connection is performed between a connecting surface ~~positioned on the carrier and the shielding structure,~~ the electrically-conducting connection comprising (AS) with one or more bumps.

12. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 11, where~~ The surface acoustic wave filter of claim 1, wherein the shielding structure (AS) ~~extends~~ is at least along the an entire length of the two first and second electro-acoustic transducers (W1, W2) to be shielded against each other.

13. (Currently Amended) ~~SAW filter in accordance with one of the claims 1 to 12, where~~  
The surface acoustic wave filter of claim 1, wherein the shielding structure (AS) has a width which  
that is noticeably larger than the facing bus bars of the first and second electro-acoustic transducers  
~~transducer (W1, W2) that face each other.~~